

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Max Harry Weil, et al. :
Serial No.: [NEW] : Group Art Unit:
Filed: : Examiner: Unknown
For: CONTROLLED CHEST :
COMPRESSOR :

PETITION TO MAKE SPECIAL
MPEP 708.02 VIII

Honorable Commissioner of Patents July 14, 2003
P.O. Box 1450
Alexandria, VA 22313-1450 Los Angeles, CA 90024

Applicants request that the present new patent application be made special under 708.02 part VIII, for a new application, and state: :

A pre-examination search was made that included the following classes and subclasses:

07/21/2003 DTESEM1 00000001 10620481
05 FC:1460 130.00 OP

128: 041, 0053, 145.8
137: 596.15
220: 008
222: 327, 528
359: 399
446: 415
601: 041, 105

Enclosed is a copy of each of the 14 patents deemed relevant.

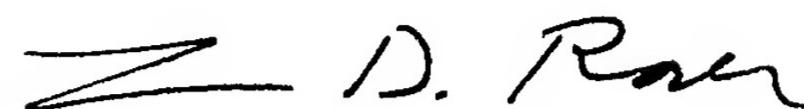
DETAILED DISCUSSION OF REFERENCES

1. Waide 5,399,148 shows a chest compressor with support legs 3. His legs would resist tilt of his actuator to the left or right, but would not resist tilt toward the head or feet. Each of his legs subtends an angle of about 60° about his vertical axis, leaving two gaps of about 120° each. His depressing cylinder (6 in Fig. 2) can slide up and down relative to his legs and a support plate 4, with springs 9 urging the actuator up.
2. Baldwin 5,743,864 shows a chest compressor with a band that surrounds the patient's chest to prevent sideward chest expansion when the chest is compressed. The compressing piston, which is attached to the band, can be pushed up to lift the band and reshape the patient's chest. He does not show lifting of the piston without reshaping the patient's chest.
3. Arpin 4,702,231 shows a chest compressor with a pair of pads 41 (Fig. 3) on either side of a ram shoe 43. As shown in his Fig. 1, his pads prevent his ram from tilting to the left or right, but not from tilting towards the head or feet. His pads each extend about 70° about his ram 43, leaving gaps of about 110°.
4. Woudenberg 4,664,098 shows a chest compressor with a bellows. His Fig. 1 shows a patient wrap.
5. Lally 4,554,910 shows a chest compressor for downward pushing by a person who is helping a patient.

6. Barkalow 4,361,140 shows a chest compressor which includes a gel-filled compressor pad at the bottom of a piston.
7. Barkalow 3,610,233 shows a chest compressor, in which he detects a heart beat and synchronizes his chest compressor with the heart beat.
8. Hewson 3,511,275 shows a chest compressor that closely controls oxygen flow to the patient and compression so there are 5 compressions per ventilation.
9. Mencacci 3,396,721 shows a device that applies 5 to 15 compressions per minute to the lower back to help movements of the descending colon.
10. Hewson 3,307,541 shows a device that applies compressions to the chest while flowing oxygen to a face mask. Pressure is applied to a piston 48 (Fig. 2) that has a lower end with a padded head 50.
11. Kuroia JP 1130 1484A shows a telescoping actuator for opening and closing a gate. The present invention shows a chest compressor with telescoping piston parts. This design of applicant's compressor allows the compressor to fit in an ambulance space of limited height when injured people are stacked in the ambulance. The actuator for a gate is for non-analogous art. Also, his last piston part has only a small area to apply only a small force.

Enclosed is payment of \$130.00 to cover the petition fee.

Respectfully submitted,



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